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## [12] 实用新型专利说明书

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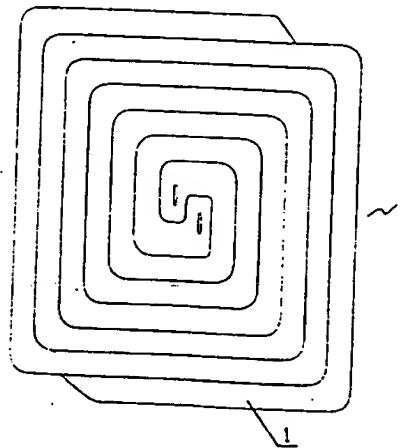
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实用新型名称 盘式纸蚊香

摘要

本实用新型涉及一种蚊香，特别涉及一种具有多种形状和结构的盘式纸蚊香。其特征在于由一层或多层条形纸构成的盘状表层上被喷了驱蚊药及并被冲压成二条或二条以上连环形并各条间隔盘在一起而构成盘状。盘状可以是圆形、三角形或 多边形；所述的条形纸构成的盘状表层或印有一层彩色层。本实用新型 采用条状纸为基材，不易折断，卫生干净，形式多种多样，色彩可随意设计，给人一种新颖和上档次的感觉，驱蚊效果显著。本实用新型的诞生，是 蚊香历史上的一次革命。



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## 权 利 要 求 书

- 1、一种盘式纸蚊香，其特征在于由一层或多层纸，其上被喷了驱蚊药并被冲压成二条或二条以上连续条形并各条间隔盘在一起而构成盘状。
- 5 2、根据权利要求 1 所述的盘式纸蚊香，其特征在于盘状可以是圆形、方形、三角形或多边形。
- 3、根据权利要求 1 所述的盘式纸蚊香，其特征在于所述的条形纸构成的盘状表面可喷有或印有一层彩色层。

# 说 明 书

驱蚊药

## 盘式纸蚊香

圆形、

本实用新型涉及一种蚊香，特别涉及一种具有多种形状和结构的盘式纸蚊香。

纸构成

传统的蚊香均是由可以阴燃的碳粉、粘木粉、木粉和助剂混合构成。这样传统的蚊香，由于是碳粉、粘木粉、木粉粘合而成，蚊香极易折断，运输存放时损耗很大，一旦断了，由于有些蚊香只能丢弃，浪费很大，另外，这种蚊香由于是以碳粉和粘木粉等材料混合而成，色泽为黑色或深绿色，表面粗糙，给人以非常低档的感觉；使用时，人手不可避免会与蚊香接触，使人手会粘上蚊香粉末，极不卫生。

有鉴于此，如何能使蚊香的效力提高，如何能使盘式蚊香不易折断，如何能使有效的点燃并且能阴燃持续 7 个小时以上（人们一般的睡眠时间），并且成本低，造形多样，色彩可以随心所欲，正是本新型研创动机所在。

本实用新型设计人凭借多年从事各类蚊香研究生产加工等领域的实际经验，在反复研究论证的基础上，做一全新设计构成，终得本新型的产生。

针对现有技术的不足，本新型的目的是设计一种驱蚊效果好，不易折断，卫生干净，且结构多式多样、使用方便，纸做的盘式蚊香。

本实用新型的目的可按下述实现，本实用新型其特征在于由一层或多层纸，其上被喷了驱蚊药并被冲压成二条或二条以上连续条形并各条间隔在一起而构成盘状。盘状可以是圆形、方形、三角形或多边形；所述的条形纸构成的盘状表面可喷有或印有一层彩色层。

本实用新型采用一层或多层纸作为基材，不易折断，运输存放损耗小，卫生干净，形式多种多样，色彩可随心所欲，给人一种新颖和上档次的感觉，驱蚊效果显著提高，对现有传统蚊香无疑是一次改型换代的革命。

图 1 为本实用新型结构图。

本实用新型选用可以持续阴燃的材料为一层或多层纸，选用的纸材经冲压或裁切形成具有可以缓慢的阴燃，但不会产生熄灭的条形纸 1，条形纸的结构仍可为一层纸或多层纸，具有很好的韧性，不会折断，在其上喷 5 驱蚊药，由于可以是一层或多层纸，药液很容易渗透均匀进入纸中，阴燃时，药液容易充分挥发，一条或多条条形纸盘成盘状 2 构成，使得结构紧凑；盘状可以是圆形、方形、三角形或多边形的几何形状，造形各式各样，使得蚊香突破传统的形式；其有很好的驱蚊效果，所述的条形纸构成盘状 10 表面可喷有或印有一层多种色彩的彩色层，彩色层可以喷有或印有多种色彩，形成各种图案、文字、商标或广告内容。

综上所述，本新型采用新颖的造形和色彩，及利用特效驱蚊药液和基材，使本实用新型给人一档次十分高的驱蚊新品，驱蚊效果明显提高。显然本新型 15 为一种新颖、进步并深具实用性的新设计。以上所述乃是本新型的具体实施例及所运用的技术原理，若依本新型的构想所作的等效改变，其所产生的功能作用仍未超出说明书及附图所涵盖的精神时，均应在本新型的范围内，特此说明。

说 明 书 附 图

材 细  
条 形  
上 阴 想  
构 网  
条 样  
盘 样  
种  
基 材  
新 型  
施 作  
能 作  
说 明

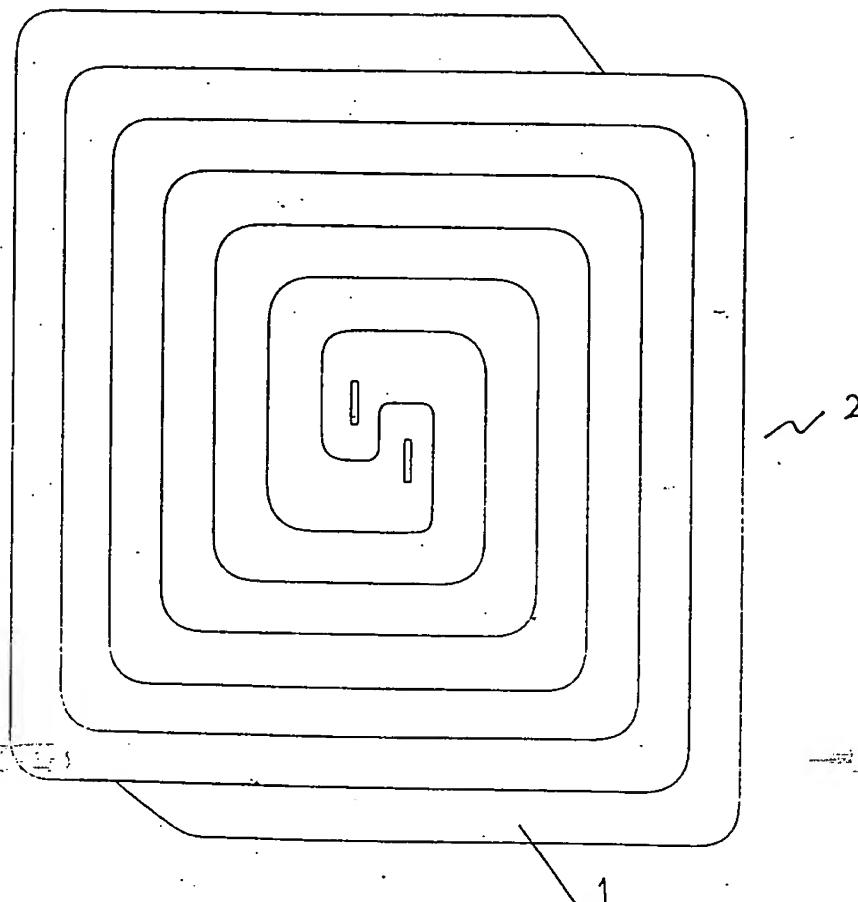


图 1

NATIONAL INTELLECTUAL PROPERTY OFFICE OF THE PEOPLE'S REPUBLIC OF  
CHINA

UTILITY MODEL APPLICATION NO. CN 2356495Y

Int. Cl.<sup>7</sup>: A 01 N 25/00  
Filing No.: 98252156.1  
Filing Date: December 28, 1998  
Registration Date: October 23, 1999  
Publication Date: January 5, 2000

MOSQUITO REPELLANT ON A TRAY

Patentee: Shao Xiaochun  
Designer: Jiang Miaoqin  
Number of pages of claims: 1  
Number of pages of specification: 2  
Number of pages of attached figures: 1

[There are no amendments to this patent.]

Claims

1. A disk type mosquito-repellent incense characterized by the fact that one or multiple layers of paper are sprayed with an anopheliside and pressed into two or more continuous strips, which are coiled up alternately to form a disk shape.
2. The disk type mosquito-repellent incense described in Claim 1 characterized by the fact that the disk can be a circle, square, triangle, or polygon.
3. The disk type mosquito-repellent incense described in Claim 1 characterized by the fact that a color layer can be sprayed or printed on the surface of the disk constituted with the strip-shaped paper.

## Specification

The present utility model pertains to a type of mosquito-repellent incense. In particular, the present utility model pertains to a disk type mosquito-repellent incense with multiple shapes and structures.

The conventional mosquito-repellent incense is made of mixture, which is able to smolder and consists of carbon powder, Ixonanthaceae powder, wood flour, and assistants. Since the conventional mosquito-repellent incense is made of a mixture prepared by binding carbon powder, Ixonanthaceae powder, and wood flour, it is very fragile, which causes significant loss during consumption and storage. Since the conventional mosquito-repellent incense can only be discarded if it is broken, it causes significant waste. Also, since the conventional mosquito-repellent incense is constituted with a mixture including carbon powder and Ixonanthaceae powder, etc., the color is black or deep green, and the surface is rough, which gives the user an impression of a low-grade product. The hands of the user will have contact with the mosquito-repellent incense inevitably during use. As a result, a residue of the mosquito-repellent incense will stick to the hands. This is very insanitary.

The research and development motive of the present utility model is how to improve the effectiveness of mosquito-repellent incense, how to make mosquito-repellent incense difficult to break, how to light up mosquito-repellent incense effectively and make the smoldering last more than 7 hours (general sleep time of human being), and how to lower the manufacturing cost and develop mosquito-repellent incense with versatile appearances and colors.

Based on many years of practical experiences in studying and manufacturing mosquito-repellent incense, the present designer has performed extensive research. As a result of this research, the present designer designed a completely new configuration. The present utility model was achieved based on this research.

In order to solve the problems of the conventional technology, the purpose of the present utility model is to provide a disk type paper mosquito-repellent incense with good mosquito repelling effect and is difficult to break, clean and sanitary, and has versatile structures and can be used easily.

In order to realize the aforementioned purpose, the present utility model provides a disk type mosquito-repellent incense characterized by the fact that one or multiple layers of paper are sprayed with an anophelifuge and pressed into two or more continuous strips, which are coiled up alternately to form a disk shape. The disk can be a circle, square, triangle, or polygon. A color layer can be sprayed or printed on the surface of the disk constituted with the strip-shaped paper.

Since the mosquito-repellent incense disclosed in the present utility model uses one or multiple layers of paper as the base material, it is difficult to break so that the loss during transportation and storage can be reduced. Also, since the mosquito-repellent incense is clean

and sanitary and has versatile appearances and colors, it gives the users an impression of a novel and high-grade product. In addition, the mosquito repelling effect is improved significantly. It is undoubtedly an epoch-making innovation to the conventional mosquito-repellent incense.

In the following, [text cut off in the original document.]

Figure 1 is a diagram illustrating the constitution of the present utility model.

The material that can smolder continuously used in the present utility model is one or several layers of paper. The selected paper material is pressed or cut into strip-shaped paper (1) that will slowly smolder but will not go out. The structure of the strip-shaped paper still can be one or multiple layers of paper with very good flexibility and durability. When an anophelifuge is sprayed on the strip-shaped paper, since it is one or multiple layers of paper, the anophelifuge solution can penetrate into the paper very easily and uniformly. The anophelifuge solution is easy to fully volatilize during smoldering. The one or multiple layers of strip-shaped paper are coiled up into a disk (2) to obtain a compact structure. The disk can be a circle, square, triangle, or polygon. The versatile appearances break through the conventional form of mosquito-repellent incense. The mosquito-repellent incense of the present design also has very good mosquito repelling effect. A colorful layer of many colors can be sprayed or printed on the surface of the disk comprised of the strip-shaped paper. For the colorful layer, many colors can be sprayed or printed to form various graphics, characters, brand names, or advertisements.

As described above, the present utility model adopts novel appearances and colors and takes advantage of effective anophelifuge solution and base material to provide a new high-grade mosquito-repellent product with significantly improved mosquito repelling effect. Obviously, the present utility model is a novel, advanced, and practical new design. The application example and technical theory of the present utility model have been explained above. It should be pointed out that any modifications derived from the idea of the present utility model are all covered by the present utility model if the resulting functions and effects are within the range of the present specification and the attached figure.

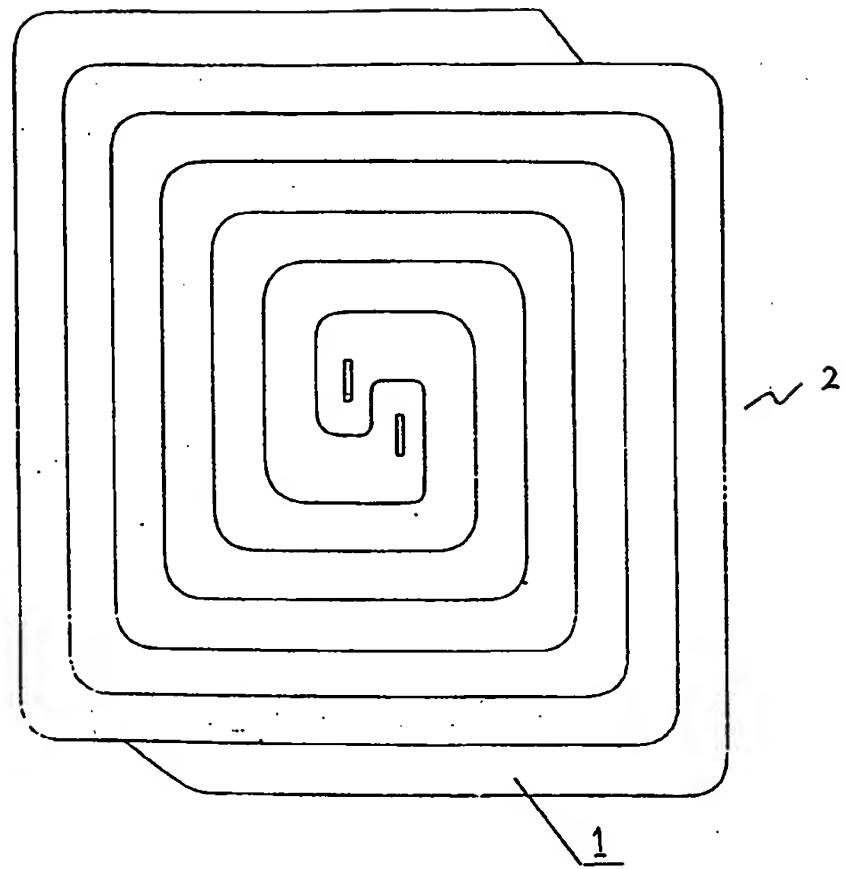


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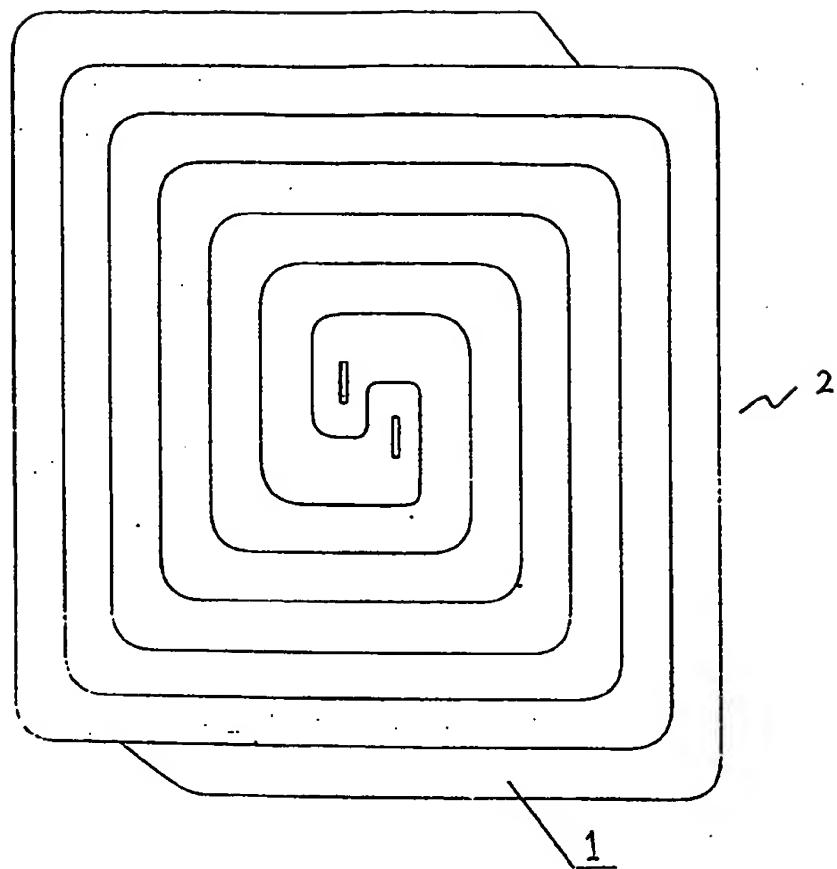


Figure 1